RDI team, together with colleagues from University of Leeds, Dar Es Salaam Institute of Technology, Universitas Kristen Wira Wacana Sumba (Unkriswina), conducted a survey on renewable energy minigrid to gain insight into a range of energy uses, social-economic aspects, and analyzing the dynamics between stakeholders, private entities, and the role of communities in maintaining existing RE facilities from the 21st to 30th of March, 2019. The team from RDI are represented by senior fellows: Elisabeth Rianawati, Dr. Yudha Prambudia, Dr. Niken Prilandita, Teresa Arsanti, Rizkita Nurdyandra, Dian Novita, Jeyhan Katreeza, from University of Leeds: Dr. Cheng Wen (socio-economic survey), Dr. James Hamilton (the biomass potential for biofuel), Dr. Shahab Deghan (real-time electricity usage for Software Development), from Dar Es Salaam Institute: Dr. Consalva Joseph Msigwa and Mwaka Juma Ismail) and Unkriswina: Siti Suryani & her colleagues and team. The research itself was funded by Royal Society, EPSRC (Engineering & Physical Sciences Research Council)'s Global Challenges Research Fund (GCRF) and the United Kingdom Department for International Development, under coordination of Prof. Jon Lovett (University of Leeds) and Dr. Saut Sagala (RDI). As part of this survey, half a day workshop was held at Local Planning and Development Agency (Bappeda), attended by key stakeholders, to promote the sustainability of mini-grid approach.

The household survey was conducted for three weeks, covering 400 respondents in urban and rural areas. From this survey, we find that the energy has been utilized mostly for the lighting, however, the communities are hopeful to connect more electrical appliances in the future. Another such improvement of livelihood can be seen from the utilization of biogas, such as in Kamanggih Village and households in Waingapu. Finally, further research and development are also needed to gain further knowledge of the potential resources and business model that could support the development of this renewable energy.
GNDR Training for VFL Implementing Organizations

As part of the 2019 VFL Survey conducted by GNDR and its national partners in Indonesia, RDI was selected as an Implementing Organization and was tasked to conduct the survey in 4 villages located in Bandung city and West Bandung district. As a result, RDI was invited to attend the training course provided by our good friends at Yakkum Emergency Unit, which took place in the Disaster Oasis Training Center in Yogyakarta on February 14th and 15th, 2019, and was represented by our Deputy Program Manager. During the survey we also conducted trial surveys with chosen respondents from Yogyakarta to try out the tools we will be working with and work out the kinks we identify as potentially problematic. We also conducted a focus group discussion with a Women’s group from a nearby village, where we also managed to gain firsthand perspective as a FGD facilitator.

Field Visit of Urban Refugees Team

On the 8th and 9th of February 2019, the Urban Refugees team from RDI conducted a follow up interview with several refugees in Bogor and Jakarta. A previous visit was conducted the week prior to connect with some of the refugees, and this follow up visit was conducted to gather in-depth data regarding the theme: “The meaning of ‘Places’ for refugees identity”. The team consisted of Junior RDI researcher Rizkita Mardea Nurdiandra and RDI intern Muhammad Anugrah Saputra. In total the Urban Refugees team were able to interview 5 refugees with similar ethnic backgrounds living in different neighborhoods in Indonesia.

Bandung Mini Energy Symposium

On Friday, 22nd March 2019, RDI team organised a guest lecture/workshop as part of the ongoing project on ‘Creating Resilient Sustainable Minigrids through Hybrid Renewable Energy Systems’ in collaboration with the University of Widyatama. At the event, five guest speakers from various backgrounds and countries presented their research on renewable energy systems. The meeting was attended by RDI team members, Widyatama lecturers & students, as well as current RDI interns from Australia, Indonesia and the Netherlands.

Lecture by David Mckenzie, Charles Darwin University

RDI, 27 February 2019

Strengthening Risk Reduction Of Natural Hazard Consequences In The Australian And Indonesian Agricultural Sectors With Community-Led Experimental Learning.

Lecture by Dr. Ayu Krishna, RDI Research Fellow

RDI, 28 March 2019

Dr. Ayu Krishna was invited to RDI to give a lecture titled: Unleashing Indonesia’s Creative Economy for 5.0 Society. She explained on the dynamics of creative economy in Indonesia and its future prospects.

Lecture by Irsyad Kharisma, World Resources Institute

RDI, 16 January 2019

Irsyad Kharisma gave a lecture on OpenDataKit, which help researchers to collect data using their mobile phones. Since the lecture, ODK has been used by RDI on surveys in Bandung & Sumba.

INDieKNOW-DR—Exploring Intersections of Indigenous or Traditional Knowledge

On Wednesday, 6th February 2019, RDI in collaboration with Lancaster University and University of Padjadjaran (UNPAD) conducted a guest lecture and workshop titled “SEADCORE: Disaster Resilience and the Value of Local Tradition!” at the Postgraduate Building in UNPAD. There were 3 speakers in total: Dr. Male Lujan Escalante and Dr. Christine Mortimer from Lancaster University, and Dr. Dicky Muslim from UNPAD. In their presentations Dr. Male highlighted various creative methodologies that can be used to study the field of disaster resilience and the importance of ethics in the use of technology for this field. Dr. Christine added to this by emphasizing the importance of community leadership and the importance of “local knowledge” when assessing risk situations.
Muhammad Anugrah Saputra
(Ritsumeikan Asia-Pacific University, Japan) - Intern, Urban Refugees Team

“In early February 2019, I was lucky enough to conduct fieldwork in Bogor and Jakarta as part of the Urban Refugees team here at RDI. This experience helps me understand the struggles refugees faces in Indonesia, and how much support they need to survive. In our capacity as researchers, we at RDI will help support these refugees by filling the research gap on refugees in Indonesia.”

Anugrah graduated from International Relations of Ritsumeikan University. His passion on research led him to come to RDI to study and join urban refugee team. In this research he was together with Dr. Akino Midhany, Dr. Nino Viartasiwi, Risye Dwiyani and Rizkita Nurdiandra. They went to refugee location in Bogor and in Kalideres, Jakarta.

Sumba Survey Gallery
We are happy to announce that a new-formed partnership with the Center for Urban Disaster Risk Reduction & Resilience (CUDRR+R) has been established. CUDRR+R is an organization based in New York (10010 U.S.A), focused on urban risk reduction and resilience. For more on CUDRR+R, see: http://cudrr.org/

New RDI Members

New Partner

cudrr+r
center for urban disaster risk reduction & resilience

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New Staffs
Rut Yesika Simak
Research Officer
Amesta Ramadhani
Academic Program Officer
Irvin Tobing
Associate Researcher
Endriana Prasetyawati,
Research Support Officer
Khairani Mardiah
Deputy Grant Officer

Announcements

Bandung Seismic City Exhibition

19-30 April 2019, Orbital Dago,
Jl. Rancakendal No.7, Cigadung, Cibeunying Kaler, Kota Bandung,
Jawa Barat 40191
OPEN FOR PUBLIC
Curator: Emma Critchley

Bandung Disaster Mini Symposium

23 April 2019
Host: Padjadjaran University, Dipatiukur, Bandung

List of Speakers:
Dr. Gavin Sullivan (Centre for Trust, Peace, and Social Relations - Coventry University).
Dr. Chas Morison (Centre for Trust, Peace, and Social Relations - Coventry University).
Dr. Saut Sagala (Community Resilience, Urban Planning – Bandung Institute Technology).
Dr. Dicky Muslim (Padjajaran University).

2019 Internship Opportunity

Until 2018, RDI received 61 interns from 21 different universities, and have seen their capabilities increased as researchers. We are now looking for highly motivated interns who are eager to get some research experiences. In 2019, we open internships on topics related to:
(1) Urban Refugee in Bogor; (2) Seismic City; (3) Bio-Digester Innovation for Biogas; (4) Child Protection; (5) Gender Equality; (6) Renewable Energy as Opportunity for Livelihood Development in Sumba; (6) School Hygiene Management; (7) Palm Oil in the ASEAN Region, and (8) Sustainable Financing

New Interns
Yeremia Immanuel Sihombing
Institute of Technology Bandung
Muhammad Riyo Hanafi
Institute of Technology Bandung
Rochelle Shahfazi
Macquarie University
Preston Branton
Murdoch University
Katrina Scaramella
Australian National University
Muhammad Anugrah Saputra
Ritsumeikan Asia-Pacific University
Sarah Nur Devina Adlitya
Parahyangan Catholic University
Laura Van Tinteren
Rijks Universiteit Groningen

Awards

Travel Grant from UNU-Health to RDI Senior Fellow, Nino Viartasiwi, to participate in Workshop on Migration, Health and Intersectional Rights in Kathmandu, held by UNU-Health 25 April - 28 April, 2019.

Research grant for research on the comparison of identity of youth descendant of Indonesia-Japan international marriage couples living in Indonesia and Japan, Sumitomo Foundation, Japan, April 2018 - March 2019, led by Dr. Nino Viartasiwi, member: Riskita Nurdiandra.

New Publication

This newsletter was authored by Ichsan Hafiz, Preston Branton, Katrina Scaramella